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No. 47] NEW DELHI, SATURDAY, NOVEMBER 25, 1995 (AGRAHAYANA 4, 1917)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएँ और नोटिस
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PATENTS AND DESIGNS

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Calcutta, the 25th November 1995

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Telegraphic address "PATENTOFIC".

1—347GI/95

The States of Andhra Pradesh, Karnataka, Kerala, Tamilnadu and the Union Territories of Pondicherry, Laccadive, Minicoy and Amindivi Islands.

Telegraphic address "PATENTOFIS".

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Building, 5th, 6th and 7th Floor,
234/4, Acharya Jagadish Bose Road,
Calcutta-700020.

Rest of India.

Telegraphic address "PATENTS".

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एकत्र तथा अभिकल्प

कलकत्ता, दिनांक 25 नवम्बर 1995

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जिन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोडी इस्टेट,
तीसरा तल, लोअर परले (पश्चिम),
बम्बई-400013 ।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य
क्षेत्र एवं संघ सम्मिलित क्षेत्र गोवा, दमन तथा
दीव एवं दादरा और नगर हवेली ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405; तीसरा तल,
नगरपालिका बाजार भवन,
मरम्बती मार्ग, करोल बाग,
नई दिल्ली-110005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर,
पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों
एवं संघ सम्मिलित क्षेत्र चंडीगढ़ तथा दिल्ली ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,
61, बालासाह रोड,
मद्रास-600002 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य
क्षेत्र एवं संघ सम्मिलित क्षेत्र पाण्डिचेरी, लक्षद्वीप,
मिनिक्काय तथा एमिनिक्काय द्वीप ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय,
भवन 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस रोड,
कलकत्ता-700020 ।

भारत का अधिशेष क्षेत्र ।

तार पता—“पेटेंटोफिस”

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन-पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे ।

नोट —इच्छा की अदायगी या ती नकद की जाएगी अथवा उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य बनादेश अथवा डाक आदेश या जहाँ उपयुक्त कार्यालय अवस्थित है; उस स्थान के अनुमति प्राप्त बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चेक द्वारा की जा सकती है ।

APPLICATION FOR PATENT FILED AT THE
HEAD OFFICE
234/4, ACHARYA JAGDISH BOSE ROAD,
CALCUTTA-20.

The dates shown in the crecent brakot are the dates claimed under section 135, of the Patent Act, 1970.

30th August, 1995

1038/Cal/95. Ascom Tech AG, Gesellschaft fur industrielle
Forchung +Technologien Der Ascom, NT2 unit
for an ATM Network.

1039/Cal/95 OTEC Developments. Ocean Thermal Energy
Conversion system. (Convention No. 08/298, 664;
on 31-8-94; in U.S.A.).

1040/Cal 95. Phillips Petroleum Company. Catalyst System
and Process for producing a polyolefin. (Con-
vention No. 08/305, 243; on 13-9-94; in U.S.A.).

1041/Cal/95. Twin-Tec Entwicklungsgesellschaft fur Emissionsre-
duzierende Technologien mbh. A device for sup-
plying additional air with closing valve.

1042/Cal/95. Siemens Aktiengesellschaft. Method for op-
erating a gas-turbine and steam-turbine plant and
plant working accordingly. (Convention No.
P4434526.7; on 27-9-94; in Germany).

1043/Cal/95. Owens-Corning Fiberglas Corporation. Pro-
cessing methods and products for irregularly
shaped bicomponent glass fibers. (Convention
No. 08/310, 183; on 21-9-94; in U.S.A.).

1044/Cal/95. Eli Lilly and Company. Stereoselective pro-
cess for producing dihydro-2, 3-Benzodiazepine
derivatives. (Convention Nos. 08/298, 645; 08/
413, 036; on 31-8-94; 28-3-95; in U.S.A. respec-
tively.)

045/Cal/95. Eli Lilly and Company. Crystalline form of
Dihydro-2, 3-Benzodiazepine derivative. (Con-
vention Nos. 08/298, 645; 08/412, 242; on
31-8-94; 28-3-95; in U.S.A.).

1046/Cal/95. Eli Lilly and Company. Physical form of
Dihydro-2, 3-Benzodiazepine derivative. (Con-
vention Nos. 08/298, 645; 08/413, 024; on
31-8-94; 28-3-95; in U.S.A.).

APPLICATIONS FOR PATENTS FILED AT
THE PATENT OFFICE BRANCH.
61, WALLAJAH ROAD, MADRAS-600 002

10th July, 1995

854/Mas/95. Pulla Ozias Sarvodaya. Energy absorber.

855/Mas/95 Raychem Limited. Electrical interconnections.
(July 11, 1994).

856/Mas/95. Raychem Limited. Electrical interconnections
(July 11, 1994).

857/Mas/95. Raychem Limited. Electrical interconnections.
(July 11, 1994).

858/Mas/95. Raychem Limited. Electrical interconnections. (July 11, 1994).

859/Mas/95. Henkel Corporation. Dual coated metal substrates and methods of making the same.

860/Mas/95. Rhone-Poulence Chimie. Concentrated suspension of precipitated silica processes for its preparation and uses of this suspension.

861/Mas/95. Robert Bosch GmbH. Fuel injection valve for internal combustion engines.

862/Mas/95. Mitsubishi Denki Kabushiki Kaisha. Armature coil conductor arraying apparatus and method.

11th July, 1995

863/Mas/95. Shell Internationale Research Maatschappij BV. Column for contacting gas and liquid.

864/Mas/95. Pechiney Rhénalu. Process and Device for correcting the ovalisation of rolls for the continuous casting of metal strip.

865/Mas/95. Hoechst Aktiengesellschaft. Process and filter for removing organic substances and ozone from gases.

866/Mas/95. Mitsubishi Denki Kabushiki Kaisha. Cutting method and cutter apparatus for coil conductor.

867/Mas/95. Sandoz-Patent-GmbH. Peptides.

868/Mas/95. KCI Konecranes International Corporation. A method and equipment for turning the wheels of a crane moving on rubber-tyred wheels or the like.

869/Mas/95. KCI Konecranes International Corporation. A traversing gear arrangement for a crane moving on rubber-tyred wheels or the like.

870/Mas/95. Hiroshi Hirota. Syringe assembly.

871/Mas/95. Yasuyuki Sakurada. Sewage Purification apparatus. (Divisional to Patent Application No. 10-4-1991).

872/Mas/95. Girivas Viswanath Shet. Deep Devotion & sacrificing mentality in youth for a good future to the younger generation through Mahatma Gandhi.

12th July, 1995

873/Mas/95. Astra Research Centre India. A process of preparing novel inhibitors of bacterial RNA polymerases.

874/Mas/95. Indian Institute of Technology. A device for fatigue testing of materials.

875/Mas/95. Indian Institute of Technology. A method of manufacture of a metallic member of improved fatigue strength and a device for carrying out the said method.

876/Mas/95. Amsted Industries Corporation. Spring-pack assembly for a railway truck bolster assembly.

877/Mas/95. Amsted Industries Incorporated. Lightweight truck sideframe.

878/Mas/95. F. Hoffmann-La Roche AD. Tricycle pyrazole derivatives.

879/Mas/95. F. Hoffmann-La Roche AB. Novel pyrrolocarbazoles.

13th July, 1995.

880/Mas/95. Mr. S. Lakshmi Narasimhan & D. Chandrasekar. Field test composition for determination of iodine in iodated edible salt.

881/Mas/95. Offshore Model Basin. Semi-submersible offshore platform with articulated buoyancy.

882/Mas/95. Henkel Corporation. Process for making alkyl polyglycosides.

883/Mas/95. Henkel Corporation. Process for making high moisture content soap bars.

884/Mas/95. Kimberly-Clark Corporation. Support device and absorbent article for use therewith.

885/Mas/95. Kimberly-Clark Corporation. Support device and absorbent article for use therewith.

886/Mas/95. R. Venkatesan. A photoelectric stop motion system for detecting roving breaks in textile machines.

14th July, 1995

887/Mas/95. Dr. Sesh Seshadri; P. S. Sudhakar & R. S. Ragavan. Ambroxol.

888/Mas/95. Dr. Sesh Seshadri; P. S. Sudhakar & R. S. Ragavan. Thioridazine.

889/Mas/95. Dr. Sesh Seshadri; P. S. Sudhakar & R. S. Ragavan. Gymnemic acid.

890/Mas/95. Dr. Sesh Seshadri; P. S. Sudhakar & R. S. Ragavan. lBergapten (E).

891/Mas/95. Texas Instruments India Private Limited. Method and system for improved threshold based screening.

892/Mas/95. The BOC Group PLC. Air separation. (July 25, 1994; Great Britain).

893/Mas/95. The BOC Group PLC. Air separation. (July 25, 1994; Great Britain).

894/Mas/95. International Mobile Satellite Organization. Satellite Communication apparatus and method.

895/Mas/95. Robert Bosch GmbH. Fuel injection valve for internal combustion engines.

896/Mas/95. Schreiber Foods Inc. An apparatus for packaging a food item into hermetically sealed individual slices.

897/Mas/95. Robert Bosch GmbH. Fuel injection pump.

ALTERATION OF DATE UNDER SECTION 16

175955

(783/Cal/91) antedated to 10th November, 1989.

175956

(59/Cal/92) antedated to 24th October, 1988.

175957

(60/Cal/92) antedated to 24th October, 1988.

175958

(63/Cal/92) antedated to 24th October, 1988.

175959

(64/Cal/92) antedated to 24th October, 1988.

REGISTRATION AS A PATENT AGENT

The name & address of the following persons have been entered in the Register of Patent Agent under Section 126(1) (c) (i) of the Patent Act, 1970.

1. Rainu Walia,
C/o. Singhanian & Co.,
B-92, Himalaya House,
23, Kasturba Gandhi Marg,
New Delhi-110 001.
2. Rani Sheba Boaz,
C/o. Singhanian & Co.,
B-92, Himalaya House,
23, Kasturba Gandhi Marg,
New Delhi-110 001.

RENEWAL FEES PAID

156680 159052 160371 160395 160651 162519 163487 163656
 163697 164533 164824 165401 165737 166135 166195 166328
 166331 166611 167161 167281 167336 167337 167338 167339
 167679 167781 169110 169166 169328 169410 169489 169529
 169662 169667 169798 170021 170558 170559 170640 170665
 170892 171053 171145 171172 171463 171503 171734 171831
 172265 172356 172555 173068 173112 173352 173353 173354
 173355 173357 173358 173359 173360 173365 173367 173368
 173369 173371 173374 173375 173376 173501 173502 173503
 173504 173505 173506 173507 173509 173532 173534 173535
 173536 173537 173539 173846.

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The classifications given below in respect of each specification are according to Indian Classification and International Classification.

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बन्ध आवेदनों में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार(4) महीने या अंतिम ऐसे अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व, पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदन एक महीने की अवधि से अधिक न हों, के भीतर कभी भी नियंत्रक, एकत्र को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित दस्तावेज, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथाविहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

“प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुसार है।”

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की टीकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र-व्यवहार द्वारा सौंपित करने के उपरान्त उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 2 से गुणा करके; (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकल्पन किया जा सकता है।

Cl.: 181

175951.

Int. Cl.: F 16 J 15/02, 15/50.

A MECHANICAL SEAL CONSTRUCTION FOR SEALING A SHAFT.

Applicant: DURAMETALLIC CORPORATION OF 2104 FACTORY STREET, KALAMAZOO, MICHIGAN 49001, U. S. A.

Inventor: (1) LOUIS HAROLD AVARD, AND (2) HARRY LOUIS MASON.

Application No. 11/Cal/1990; filed on 01st January, 1990.

Appropriate office for opposition Proceedings (Rule 4, Patent rule 1972) Patent Office, Calcutta.

5 claims

A mechanical seal construction for sealing a shaft which is relatively rotatable with respect to a housing, said seal construction having collar means surrounding and nonrotatably fixed to said shaft, a rotary seal portion disposed in surrounding relationship to the shaft and including a rotary support ring and a rotary carbide face ring fixed to said support ring, said rotary support and face rings being radially spaced from said shaft to define a substantial annular clearance therebetween, an axially elongate metal bellows disposed in surrounding relationship to said shaft and extending axially between said collar means and said rotary support ring, said bellows having one end thereof fixedly anchored to said collar means and the other end thereof fixedly anchored to said rotary support ring, and a stationary seal portion including a gland ring fixed relative to said housing and a stationary carbide face ring fixed to said gland ring, said gland and stationary face rings being disposed in surrounding relationship to said shaft and spaced radially therefrom by substantial annular clearance spaces therebetween, said rotary and stationary face rings defining thereon axially opposed and generally planar seal faces which are maintained in relatively rotatable sliding engagement with one another to create a seal radially thereacross, comprising the improvement wherein a vibration dampening ring (51) concentrically disposed within said rotary face ring (44) in surrounding relationship to said shaft (13), said vibration dampening ring (51) being constructed of carbon and fixedly secured within said rotary face ring (44) by means of an interference or press fit therebetween, said vibration dampening ring (51) having an inner diameter which is only slightly larger than the outer diameter of said shaft (13) to define a

small radial clearance therebetween, said vibration dampening ring (51) being of substantial axial extent to function as a vibration damper.

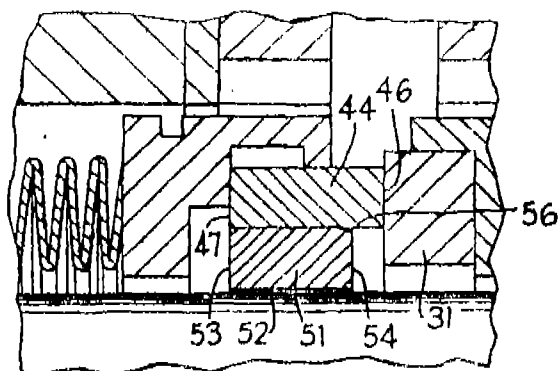


FIG. 2

Compl. specn. 12 pages

Drgns. 1 sheet.

Cl.: 58 A 2

175952.

Int. Cl.: E 06 B, 7/02.

VENTILATED SLIDING CLOSURE ASSEMBLY.

Applicant: DALLATRE INDUSTRIES LTD. OF 8650, BOUL. DE LA RIVE-SUD, LEVIS-LAUZON, P.Q., CANADA.

Inventor: (1) RAYMOND DALLAIRE, AND (2) DOMINIQUE DALLAIRE.

Application No. 951/Cal/7990; filed on 12th November, 1990.

Appropriate office for opposition proceedings (Rule 4, Patent rule 1972) Patent Office, Calcutta.

23 claims

A ventilated sliding closure assembly, of the type such as herein described, which provides ventilation in the closure frame head over both the sliding and fixed panels, characterised by the combination of:

at least two panels, at least one of said panels being a horizontally sliding panel;

a frame including jambs, a frame head and a sill for supporting said panels;

said frame head including first and second spaced apart parallel support rails for guiding a top rail of said sliding panel and removably affixing a top rail of any fixed panels;

said support rails including ventilation apertures and defining a ventilation chamber between their opposed sides which extends substantially the full length of the frame head, said chamber being closed by a bottom wall;

said ventilation apertures permitting a flow of air through said frame head; and

said bottom wall blocking the passage of air through said frame head except that which flow through said apertures.

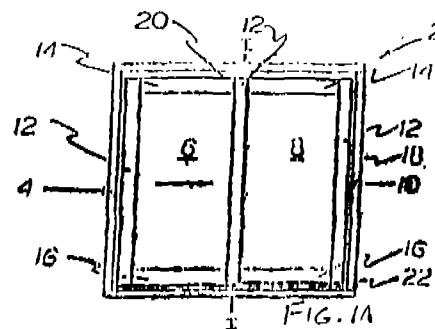


FIG. 1A

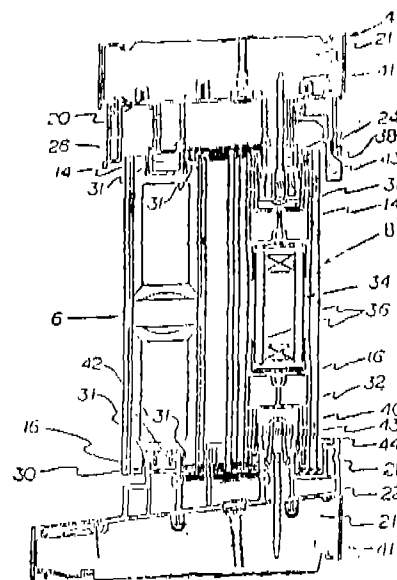


FIG. 2

Compl. specn. 16 pages

Drgns. 7 sheets.

Cl.: 90-K.

175953.

Int. Cl.: C 03 B 5/00, & 1/00,

C 03 C 3/00, 3/06, 3/068, 4/02, 4/08, 4/10.

A PROCESS FOR PRODUCING AN INFRARED ENERGY AND ULTRAVIOLET RADIATION ABSORBING GREEN-COLOURED SODA-LIME-BILICA GLASS COMPOSITION FOR PRODUCING GREEN-COLOURED GLASS.

Applicants & Inventors: (1) J. JOSEPH CHENG, (2) RICHARD R. SNOW, (3) GEOFFREY EVANS, (4) CHARLES R. BAMFORD, (5) HAROLD B. MILNES, OF 309 W. SOUTH BOUNDARY, PERRYSBURG, OHIO 43551 USA; 28754 E. RIVER ROAD, PERRYSBURG, OHIO 43551 U.S.A. "STAMBOUL", 25 SHEPHERD LANE, NEW LONGTON, PRESTON PR4 4AN, UNITED KINGDOM; 4 CHESTERFIELD CLOSE, AINSDALE, MERSEYSIDE PT8 3JL, UNITED KINGDOM; AND 57 HILLSIDE CLOSE, BILLINGE, WIGAN WN5 7RJ, UNITED KINGDOM, RESPECTIVELY, 1, 2 ARE U.S. CITIZENS; 3, 4, 5 ARE U.K. CITIZENS.

Application No. 95/Cal/91; filed on 30-1-91;

Appropriate office for opposition proceedings (Rule 4, Patent rule 1972) Patent Office, Calcutta.

11 claims

A process for producing an infrared energy and ultraviolet radiation absorbing green-coloured soda-lime silica glass composition for producing green-coloured glass comprising: admixing and heating.

- A. a soda-lime-silica float glass batch mixture such as herein described;
- B. an ultraviolet radiation absorbing quantity of a certium containing compound such as herein described to provide 0.2% to 1.4% by weight of said certium contained compound in said glass to be produced optionally alongwith TiO_2 in an amount to provide 0.15 to 0.25 wt% of TiO_2 in the glass to be produced;
- C. an amount of iron so as to result in at least 0.75 wt% total iron in said glass to be produced; and
- D. a quantity of carbon from 0.15 to 0.75 pounds per 1000 pounds of glass to be produced to thereby produce a glass composition having a ferrous value from 22% to 29%.

Compl. Specn. 15 pages.

Drgns. Nil

Cl.: 108-B 2(b) & C-1.

175954

Int. Cl.: C 21 C 5/28, 1/00.

A PROCESS FOR PRODUCING METALS AND METAL A SMELT REDUCTION VESSEL.

Applicant: CRA SERVICES LIMITED OF 55 COLLINS STREET, MELBOURNE, VICTORIA 3000, AUSTRALIA.

Inventors:

- (1) JOHN VINCENT KLOGH.
- (2) ROBIN JOHN BATTERHAM, and
- (3) BARRY STUART ANDREWS.

Application No. 214/Cal/1991; filed on 12th March 1991.

(Convention No. PJ 9063; dated 13-3-90; in Australia).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

15 Claims

A process for producing metals and/or metal alloys from metal oxides and/or ores, including partly prerduced ores and metal oxide-containing slags, in a smelt reduction vessel containing a molten metal bath into which the metal oxides and/or ores are supplied in fine-grained form and are reduced therein to form metals and/or metal alloys and carbonaceous fuels and oxidizing gases, and optionally slag forming agents, are additionally directed into the molten metal bath below and/or from above the bath surface, and waste gases formed in the vessel are discharged through an outlet, characterized in that loss of liquid and solids from the molten metal bath through the waste gases outlet is reduced by imparting rotational motion to the waste gases, oxidizing gases, liquid and solids in a space above the bath surface about a vertical axis of the vessel, which has a substantially rotationally symmetrical shape at least in the said space above the bath surface, thereby forcing liquid and solids outwardly towards a wall of the vessel by injecting at least a part of the oxidizing gases into the space obliquely to a vertical plane through the vertical axis of the vessel.

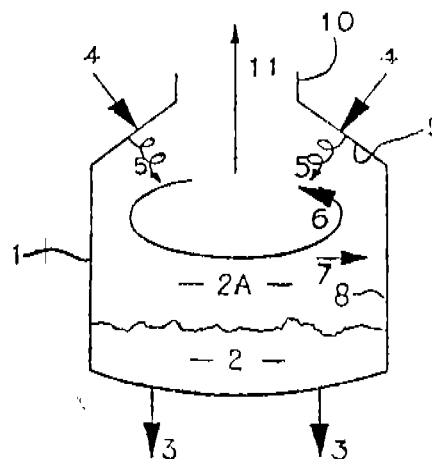


FIGURE 1

(Compl. Specn. 18 pages

Drgns. 1 sheet)

Cl.: 32 E F 3 (a)

175955

Int. Cl.: C 07 C 67/00, 69/00.
C 08 G 63/00, 79/00.

METHOD FOR THE PREPARATION OF ALKYD RESINS OF CONTROLLED MOLECULAR STRUCTURE AND MOLECULAR WEIGHT FROM MONOGLYCERIDES.

Applicant: ICI INDIA LIMITED OF ICI HOUSE, 34 CHOWRINGHEE ROAD, CALCUTTA-700 071, WEST BENGAL, INDIA.

Inventors:

(1) GAJULAPALLI SUDESH KUMAR AND (2) ASHOK DYNANDEV GHOGARE.

Application No. 783/Cal/1991; filed on 16th October 1991.

(Divided out of No. 697/Cal/1988; antedate to 10-11-89)

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

7 Claims

A method for the preparation of alkyd resins of controlled molecular structure and molecular weight which comprises transesterifying at a temperature in the range of from 30°C to 80°C predetermined amounts of a triglyceride-containing vegetable oil such as herein described with an alcohol such as herein described in the presence of lipase as catalyst to provide one or more resultant monoglycerides the transesterification being effected in a non-aqueous organic solvent of the kind described herein, and reacting the monoglycerides thus produced with phthalic anhydride, glycerol and xylene at a temperature of from 200°C to 250°C for a predetermined period of time as herein described whereafter xylene is refluxed, water is removed and the alkyd product collected and stored under nitrogen.

(Compl. Specn. 11 pages;

Drgns. Nil)

Cl.: 206

175956

Int. Cl.: H 04 N 7/08.

APPARATUS FOR THE REMOTE CONTROL OF AT LEAST ONE INTERACTIVE DEVICE.

Applicant: INTERACTIVE SYSTEMS, INCORPORATED OF 1225 N.W. MURRAY ROAD, SUITE 210, PORTLAND, OREGON, 97229, UNITED STATES OF AMERICA.

Inventors :

- (1) ROBERT S. BROUGHTON.
- (2) WILLIAM C. LAUMEISTER.

Application No. 59/Cal/92 filed on 30th January 1992.

(Divided out of No. 877/Cal/88 antedated to 24-10-88).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

9 Claims

Apparatus for the remote control of at least one interactive device by the production of composite video information containing program material and control data, the video information having been produced by modulating selected viewing areas of the program material with the control data to produce a video subcarrier component, the component containing the data, for viewing the program material on television screens, comprising :

means, such as herein described, adjacent at least one of the television screens for detecting the control data modulation-produced video subcarrier component to reproduce the data, and

means, such as herein described, for communicating such reproduced control data to at least one interactive device.

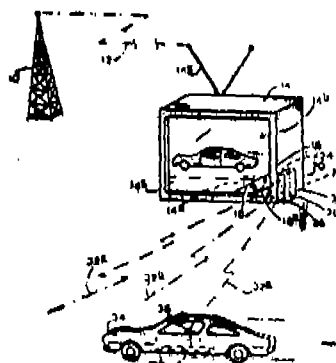


FIG. 1

(Compl. Specn. 43 pages;

Drgns. 5 sheets)

Cl. : 206-E

175957

Int. Cl. : H 04 N 7/08.

INTERACTIVE DEVICE FOR USE WITH THE PRODUCTION OF COMPOSITE VIDEO SIGNAL.

Applicant : INTERACTIVE SYSTEMS, INCORPORATED, OF 1225 N.W. MURRAY ROAD, SUITE 210, PORTLAND, OREGON, 97229, UNITED STATES OF AMERICA.

Inventors :

- (1) ROBERT S. BROUGHTON.
- (2) WILLIAM C. LAUMEISTER.

Application No. 60/Cal/92 filed on 30th January 1992.

(Divided out of No. 877/Cal/88 antedated to 24-10-88).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

6 Claims

An interactive device for use with the production of a composite video signal containing video program material for display on a television, the composite video signal further containing a video subcarrier component that contains control data for the remote control of interactive devices located proximate to the television, and for use with apparatus, said interactive device comprising :

a receiver capable of receiving the control data communicated by an apparatus capable of detecting the said component and decoding and communicating the said control data and

a controller capable of initiating a predefined action in response to the said control data, as received by the receiver.

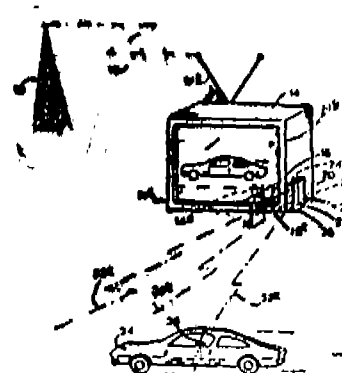


FIG. 1

(Compl. Specn. 42 pages;

Drgns. 5 sheets)

Cl. : 206—E

175958

Int. Cl. : H 04 N 7/08.

AN APPARATUS FOR REMOTE CONTROL OF INTERACTIVE DEVICES.

Applicant : INTERACTIVE SYSTEMS, INCORPORATED, OF 1225 N.W. MURRAY ROAD, SUITE 210, PORTLAND, OREGON, 97229, UNITED STATES OF AMERICA.

Inventors :

- (1) ROBERT S. BROUGHTON.
- (2) WILLIAM C. LAUMEISTER.

Application No. 63/Cal/92 filed on 30th January 1992.

(Divided out of No. 877/Cal/88 antedated to 24-10-88).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

2 Claims

Apparatus for the remote control of interactive devices by the broadcast of composite video information to televisions, comprising :

means for generating a program signal containing a video program :—

means for generating a data signal containing control data;

means for subliminally modulating the program signal by the data signal in timed relation thereto, the modulating being of alternate horizontal scan lines within a video field and within the viewing area of at least one television, thereby producing a data-modulated video component detectable as digital modulation within the viewing area;

means adjacent at least one television for detecting the modulation within the viewing area to produce a control data sequence; and

means for controlling, in predetermined response to the data sequence, the actions of at least one of the interactive devices.

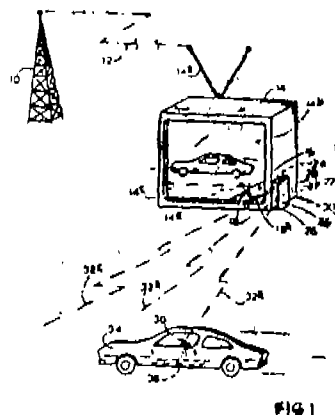


FIG 1

(Compl. Specn. 42 pages;

Drgns. 5 sheets)

Cl.: 206-E

175959

Int. Cl.: H 04 N 7/08.

DISPLAY ACTIVITY-IMITATIVE INTERACTIVE DEVICE.

Applicant: INTERACTIVE SYSTEMS, INCORPORATED, OF 1225 N.W. MURRAY ROAD, SUITE 210, PORTLAND, OREGON, 97229, UNITED STATES OF AMERICA.

Inventors:

- (1) ROBERT S. BROUGHTON.
- (2) WILLIAM C. LAUMEISTER.

Application No. 64/Cal/92 filed on 30th January 1992.

(Divided out of No. 877/Cal/88 antedated to 24-10-88).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

2 Claims

A display activity-imitative interactive device for use in conjunction with a system which includes a video display that is luminance modulated to contain encoded data related to display activity, a data-encoded luminance modulation-responsive receiver/transmitter capable of transmitting over a predefined range a modulated light carrier, the light being within a predefined spectrum, the carrier being of a predefined frequency, and the carrier being of a predefined frequency, and the light carrier being modulated by such data, said device comprising:

light responsive means adapted to respond to light within such predefined spectrum when within range of such transmission,

carrier detecting means operatively connected to the light responsive means and tuned to such predefined carrier frequency, thus to produce a demodulated digital signal representative of the encoded data,

a controller operatively connected to the carrier detecting means and specifically adapted to decode the data, thus to produce related control signals, and

activity-producing means operatively coupled to the controller and responsive to the control signals to produce display activity-imitative device activity.

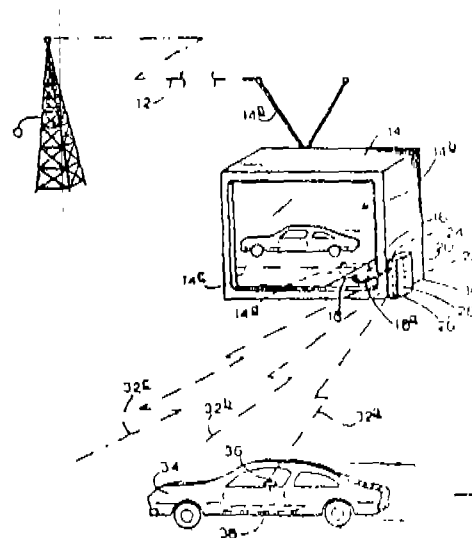


FIG 1

(Compl. Specn. 42 pages;

Drgns. 5 sheets)

Cl.: 107 K

175960

Int. Cl.: F 16 K 21/00, 23/00.

ENCLOSING SLEEVE FOR ONE-WAY VALVE.

Applicant: RESEAL INTERNATIONAL LIMITED PARTNERSHIP, OF 950 THIRD AVENUE, 29TH FLOOR, NEW YORK, NEW YORK 10022, UNITED STATES OF AMERICA.

Inventor: GREG PARDES.

Application No. 105/Cal/92 filed on 14th February 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

22 Claims

Enclosing sleeve for one-way valve comprising an axially extending valve body having a first end and a second end spaced apart in the axial direction and arranged to be connected at the first end to a source of fluid to be dispensed, said valve body having a first outlet passageway extending from the first end for receiving fluid from the source and a second outlet passageway extending from the second end for discharging the fluid from said valve body after its passage through the first outlet passageway, said first and second outlet passageways being in spaced relation and free of direct communication therebetween, said valve body having an exterior surface, an elastomeric sheath laterally and tightly enclosing and in surface contact with the exterior surface of said valve body, said first and second outlet passageways being open to the interior of said sheath, an axially extending sleeve laterally enclosing and spaced radially outwardly from said elastomeric sheath at least in the region where said first and second outlet passageways are open to the interior of said sheath, and means for sealing said sheath to said valve body at locations positioned on opposite sides of and spaced from locations where said first and second outlet passageways open to the interior of said sheath with said means afforded at least in part by said sleeve, an axially extending annular space is located between said sleeve and said sheath and bounded in the axial direction by said means for sealing said sheath to said valve body, and means for venting the space between said sleeve and said sheath.

(Compl. Specn. 19 pages;

Drgns. 3 sheets)

PATENT SEALED ON 27-10-95

174899 175011 175014" 175017 175019 175020 175021
 175022 175023 175024 175025 175027 175031 175032"
 175034*D.

CAL-03, DEL-11, BOM-NIL, MAS-01.

*Patent shall be deemed to be endorsed with the words
 LICENCE OF RIGHT Section 87 of the Patent Act, 1970
 from the date of expiration of three years from the date of
 sealing.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not
 open to inspection for period of two years from the date of
 registration except as provided for in Section 50 of the
 Designs Act, 1911.

The date shown in the each entry is the date of the regis-
 tration included in the entries.

Class 1. No. 169338. Electro Appliances of Crystal Estate,
 Aji Industrial Area, 80, Feet Road, Rajkot-
 380003, Gujarat, India. Indian Partnership Firm.
 "Gas Lighter". June 15, 1995.

Class 3. No. 168574. Devinder Kumar Jain, Luxor Pen
 Company, 229, Okhla Industrial Estate, Phase III,
 New Delhi-110020, India. "Gel Grip Roller
 Pen" January 2, 1995.

Class 3. No. 169100. Ellora Time Pvt. Ltd., Orpat Indus-
 trial Estate, Rajkot Highway, P.B. No. 115,
 Morbi-363641, Gujarat, India. "Calculator". May
 2, 1995.

Class 3. No. 169101. Ellora Time Pvt. L'd., Orpat Indus-
 trial Estate, Rajkot Highway, P. B. No. 115
 Morbi-363641, Gujarat, India. "Calculator". May
 2, 1995.

Class 3. No. 169339. Electro Appliances at Crystal Estate,
 Ali Industrial Area, 80, Feet Road, Rajkot-
 380003, Gujarat, India. Indian Partnership
 Firm. "Gas Lighter". June 15, 1995.

Class 10. Nos. 169239 to 169242. Api Polymers (India)
 Ltd. of J-17, Udyog Nagar, Main Rohtak Road,
 New Delhi-110041, India. "Shoe Sole". May
 31, 1995.

R. A. ACHARYA

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